

TT-65-13412

Field 7D

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ANALYSIS OF TWO TYPICAL DISTRIBUTIONS OF
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Order from SLA: \$2.60 as TT-65-13412

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v57 p220-40 1962.

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ATS 17L31G

RIS rept. 6/10/80

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Osmotic Determinations of the Molecular
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Relation Between Intrinsic Viscosity and Molecular
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PP 1761-1762.

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Vol 43, 1956, pp 205-206.

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H. Schulz.

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p. 52-57.

DESCRIPTORS: Teletype systems, Design, Operation.

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Change of Shape of the Mitochondria in the
Alveolar Epithelium in CO_2 and O_2 Respiration,
by H. Scholz, 4 pp.

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**Instrumental Aid For Determining the Physical
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**GERMAN, per, Glas-Erdil-Keramo-Technik, (Dec.),
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FLAME CUTTING WITH PROPANE. [1962] [33]p.
12 refs.

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Order from SLA \$3. 60

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Trans. from Mitteilungen der B E F A (West Germany)
1951, no. 1.

DESCRIPTORS: *Propanes, *Cutting torches, Acety-
lenes, Oxygen, Tests, Economics, Thermodynamics,
Effectiveness, Combustion, Oxidation.

The object of the present investigation was the classi-
fication of the hitherto little known fundamentals of
propane cutting, and to obtain information regarding
the importance of propane as compared to the generally
known use of acetylene. The tests covered a cutting
range of 10 to 300 mm plate thickness, which is re-
presentative of commercial practice. The best known
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Scientific - Chemistry, pressure, salts

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A-10588

Effect of the Sulfur Content of Pig Iron Upon
the Production of High-Quality Steel, by
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no. 20] p. 615-623.

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1. Tools--Production
 2. Spark machining--
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Reduction Mechanism of Porous Iron Ores by Hydrogen, by
L. Von Bogdanoff, H. P. Schulz, B. Wasermer.
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BISI 2635

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SLA 60-16841

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Measurement of Stresses in Opaque Bodies, Hans.
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Sci - Engineering, hydraulics, naval
Econ- Transportation, river, water

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Electronoptical Studies of the Normal Lung and the
Lung in Mitral Stenosis, by Heribert Schulz, 37
pp.

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Sci - Med

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Electron Microscopic Demonstration of Unusual Particles
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NIH 6-17-63

Sci - Biol/Med Sci

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Schulz, Hermann. CONTRIBUTION TO THE PROBLEM OF DISTORTION AND ITS DEFINITION IN TELEGRAPHY. [1962] 6p. Order from SLA \$1.10 62-20349 Trans. of [NTZ; Nachrichtentechnische Zeitschrift] (West Germany) 1953, v. 6, no. 9, p. 413-416. DESCRIPTORS: *Telegraph signals, Reliability, Distortion, Determination, Communication theory. The degree of distortion of rhythmic and arhythmic telegraph systems is defined. Standard definitions are critically discussed. A survey is made of various types of distortion. (Author) (Research Methods--Communication Theory, TT, v. 10, no. 1)	62-20349 I. Schulz, H. 1009053 Office of Technical Services
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Measurement of Cutting Force and Edge Blunting
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Concerning the Etiology of Chloracne,
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Experimentelle Dermatologie, Vol 206,
1957, pp 589-596.
SLA TT-66-10329

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CONCERNING THE APPLICATION OF ALKYL-
POLYETHYLENOXIDE DERIVATIVES AS A SURFACE
ANESTHETIC. [1963] 10p
Order from SLA \$1.10 TT-64-10503

Trans. of Dermatologische Wochenschrift (East
Germany) 1952 [v. 126] no. 28, p. 657-[662].
(Abstract available)

DESCRIPTORS: *Integumentary system, Skin, Mem-
branes (Biology), *Anesthetics, *Analgessics and
sulpyridics, Ethylene Oxides, Drugs.

The application of the polyethylenoxide ethers of the
dodecyl alcohols (Sch 600) is reported as a surface
anesthetic in the treatment of progressing skin lesions
with pain or itching on the basis of 63 cases. It showed
a good analgesic effect in painful wounds, burns and
(Biological Sciences--Pharmacology, TT, v. 11, no. 9)
(over)

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ethylenoxide ethers
2. Title: Sch-600
- I. Schulz, K. -H.

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Clinical and Experimental Studies on the Skin
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K. Wulf, 5 pp.

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EE-Germany
Econ
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Required Qualities of Butter Wrapping Foils, by M. E.
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After the Plenary Session of the Slovak Writers, by
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CZECHOSLOVAKIAN, wkly np, Literarni noviny, No 3,
Prague, Jan 58, p 3.

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CSO DC-50/10

EEur - Czech

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After the Plenary Meeting of the Slovak Writers, by
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REur - Czechoslovakia

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Dependence of Specific Pressure and Electron Impact
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Upon Strength of Current, by R. Rompe, P. Schulz. 122

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Pinched Xenon High-Pressure Discharges of High
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NASA TT F10,270

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Sci-Hg
Dec 66

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Electrode Drops and Arc Gradients in High Pressure
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P. Schulz.
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pp 197-211.
NASA TT F-9234

Sci-Phys
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On Thermal Conduction in the Heavy Current Arc,
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Trans. of Ann[alen der] Physik (East Germany) 1947,
ser. 6, v. 1, p. 95-118.

DESCRIPTORS: *Rare gases, Neon, Argon, Krypton,
Xenon, *Electric discharges, Infrared spectroscopy,
Ultraviolet spectroscopy.

(Physics, TT, v. 6, no. 9)

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Investigations of Arc Cathodes, by P. Schulz et al.
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tion and Quantitative Determination of Alde-
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Schulz, R. C., Kovacs, J., and Kern, W.
SOLUTION EXPERIMENTS WITH REDOX POLY-
MERIZATES OF ACROLEIN. [1962] 3p. 8 refs.
Order from SLA \$1.10 62-16963

Trans. of Markromolekulare Chemie (Switzerland)
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DESCRIPTORS: *Acroleins, *Polymers, Polymer
solutions, Polymerization, Oxidation-reduction
reactions.

(Chemistry--Organic, TT, v. 8, no. 10)

I. Schulz, R. C.
II. Kovacs, J.
III. Kern, W.

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Water-Jet Ejectors for Handling Liquids, by
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GERMAN, H., Wasserstrahlungen zur Förderung
von Flüssigkeiten, 1958, pp 1-75.

NASA TT F-11,046

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Reasons for, and Methods of, Reducing the Water in
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Sci - Engr
May 64

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Fungicidal Effectiveness of Various Coal-Tar Creosotes, by
G. Schulz, K. Starlinger.
GERMAN, par, Deutsche Gesellschaft fuer Holzforschung,
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Sci - Biol

Feb 64

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sis, Stereochemistry, Molecular structure, Phos-
phoric acids, *Cellulose acetates, *Reaction
kinetics.

(Materials--Plastics, TT, v. 10, no. 2)

63-14160

- I. Title: Macromolecular
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(Engineering--Electronic, TT, v. 9, no. 9)

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The polymerization of methyl vinyl ketone by azobisisobutyronitrile and the structure of the polymers are discussed. Reactions of the polymeric ketone are described in which only one carbonyl group per fundamental unit reacts (reduction to secondary alcohol, oxime formation, Girard derivative). In a series of other reactions, poly(methyl vinyl ketone) reacts like a 1,5-diketone and enters into intramolecular cyclization reactions to various extents. Conditions were found under which intramolecular cyclization becomes the main reaction, without any cross-linking. (Author)

61-10860

1. Ketones--Polymerization
2. Vinyl polymers--Chemical reactions

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TT-64-10680

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[no. 1/2] p. 99-104. (Abstract available)

DESCRIPTORS: *Acroleins, Polymerization,
*Aldehydes, Carboxylic acids, Amines, Alcohols,
Mercaptans, *Graft polymers, Biochemistry,
*Membranes.

The radical chain polymerization of acrolein yields
polymers containing aldehyde groups. These are able
to undergo a variety of reactions. Only two types of
reactions are discussed in this paper; namely the
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For abstract see Technical Translations 2: 272, 1959.

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- II. ATS-56P61G
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